

sequence listing.txt
SEQUENCE LISTING

<110> Houghton, Alan
Bergman, Phillip
Wolchok, Jedd

<120> Compositions for treatment of Melanoma and Methods of Using Same

<130> MSK.P-026-3

<150> US 09/627,694

<151> 2000-07-28

<150> US 09/308,697

<151> 1999-05-21

<150> PCT/US97/22669

<151> 1997-12-10

<150> US 60/036,419

<151> 1997-02-18

<150> US 60/032,535

<151> 1996-12-10

<150> US 60/180,651

<151> 2000-01-26

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<170> PatentIn version 3.0

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sequence listing.txt

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| agcatcaaat gaaactgcaa ttatttcata tcaggattat caataccata tttttgaaaa | 660 |
| agccgtttct gtaatgaagg agaaaactca ccgaggcagt tccataggat ggcaagatcc | 720 |
| tggtatcggt ctgcgattcc gactcgtcca acatcaatac aacctattaa tttcccctcg | 780 |
| tcaaaaataa gggttatcaag tgagaaatca ccatgagtga cgactgaatc cggtgagaat | 840 |
| ggcaaaagct tatgcatttc tttccagact tgttcaacag gccagccatt acgctcgtca | 900 |
| tcaaaatcac tcgcatcaac caaaccgta ttcatctgtg attgcgcctg agcgagacga | 960 |
| aatacgcgat cgctgttaaa aggacaatta caaacaggaa tcgaatgcaa ccggcgagc | 1020 |
| aacctgccg ggcgcatcaac aatattttca cctgaatcag gatattcttc taatacctgg | 1080 |
| aatgctgttt tcccggggat cgcagtggtg agtaaccatg catcatcagg agtacggata | 1140 |
| aatgcttga tggtcggaag aggcataaat tccgtcagcc agtttagtct gaccatctca | 1200 |
| tctgtaacat cattggcaac gctacctttg ccatgtttca gaaacaactc tggcgcatcg | 1260 |
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| tcccgttgaa tatggctcat aacacccctt gtattactgt ttatgtaagc agacagtttt | 1440 |
| attgttcatg atgatataatt tttatcttgt gcaatgtaac atcagagatt ttgagacaca | 1500 |
| acgtggcttt ccccccccc cctgcagcgt ttcttctttt tccccacccc acccccccaag | 1560 |
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| ctgagcgtca gaccccgtag aaaagatcaa aggatcttct tgagatcctt tttttctgcg | 1800 |
| cgtaatctgc tgcttgcaaa caaaaaaacc accgctacca gcggtgggtt gtttgccgga | 1860 |
| tcaagagcta ccaactcttt ttccgaagg ttaactggcttc agcagagcgc agataccaaa | 1920 |
| tactgttctt ctagtgtagc cgtagttagg ccaccacttc aagaactctg tagcaccgcc | 1980 |
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sequence listing.txt

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| acagcgtgag ctatgagaaa ggcgccacgt tcccgaaggg agaaaggcgg acaggtatcc | 2220 |
| ggtaagcggc agggctcgaa caggagagcg cacgaggag cttccagggg gaaacgcctg | 2280 |
| gtatctttat agtcctgtcg ggtttcgcca cctctgactt gagcgtcgat ttttgtgatg | 2340 |
| ctcgtcaggg gggcggagcc tatggaaaaa cgccagcaac ggcgcctttt tacggttcct | 2400 |
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| cgcccaacga ccccgccca ttgacgtcaa taatgacgag atctgatata ggtgacagac | 2640 |
| gatatgaggc tatatcgccg atagaggcga catcaagctg gcacatggcc aatgcataatc | 2700 |
| gatctataca ttgaatcaat attggcaatt agccatatta gtcattgggt atatagcata | 2760 |
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| tattggctca tgtccaatat gaccgccatg ttgacattga ttattgacta gttattaata | 2880 |
| gtaatcaatt acgggggtcat tagttcatag cccatatatg gagttccgcg ttacataact | 2940 |
| tacggtaaatt ggccgcctg gctgaccgcc caacgacccc cgcccattga cgtcaatgat | 3000 |
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| ctatataagc agagctcggt tagtgaaccg tcagatcgcc tggagacgcc atccacgctg | 3480 |
| ttttgacctc catagaagac accgggaccg atccagcctc cgcgccggg aacggtgcat | 3540 |
| tggaacgcgg attccccgtg ccaagagtga cgtaagtacc gcctatagac tctataggca | 3600 |
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sequence listing.txt

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| cacaactatc tctattggct atatgccaat actctgtcct tcagagactg acacggactc | 3840 |
| tgtattttta caggatgggg tcccatttat tatttataaa ttcacatata caacaacgcc | 3900 |
| gtcccccggtg cccgcagttt ttattaaaca tagcgtggga tctccacgcg aatctcgggt | 3960 |
| acgtgttccg gacatgggct cttctccggt agcggcggag cttccacatc cgagccctgg | 4020 |
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| cttaaggcag cggcagaaga agatgcaggc agctgagttg ttgtattctg ataagagtca | 4260 |
| gaggtaactc cegttagcgt gctgttaacg gtggaggcca gtgtagtctg agcagtactc | 4320 |
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| atgggtcttt tctgcagtca cegtccacgc gttaatacga ctactatag ggagacccaa | 4440 |
| gctggctagc gtttaaactt aagcttggtta ccgagctcgg atccactagt ccagtgtggt | 4500 |
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| agagacattg attttgccca tgaagcacca gcttttctgc cttggcatag actcttcttg | 5160 |
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sequence listing.txt

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| tgtagccgat tggaggagta caacagccat cagtctttat gcaatggaac gcccgaggga | 5400 |
| cctttacggc gtaatcctgg aaaccatgac aaatccagaa cccaaggct cccctcttca | 5460 |
| gctgatgtag aattttgcct gagtttgacc caatatgaat ctgggttccat ggataaagct | 5520 |
| gccaatttca gctttagaaa tacactggaa ggatttgcta gtccacttac tgggatagcg | 5580 |
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| caggtagagg gatctgccaa cgatcctatc ttccttcttc accatgcatt tgttgacagt | 5700 |
| atttttgagc agtggctccg aaggcaccgt cctcttcaag aagtttatcc agaagccaat | 5760 |
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| gaccagact cttttcaaga ctacattaag tcctatttgg aacaagcgag tcggatctgg | 5940 |
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| atggagaaag aggattacca cagcttgtat cagagccatt tataaaaggc ttaggcaata | 6120 |
| gagtagggcc aaaaagcctg acctcactct aactcaaagt aatgtccagg ttcccagaga | 6180 |
| atatctgctg gtatttttct gtaaagacca ttgcaaaat tgtaacctaa tacaaagtgt | 6240 |
| agccttcttc caactcaggt agaacacacc tgtctttgtc ttgctgtttt cactcagccc | 6300 |
| ttttaacatt ttcccctaag cccatatgtc taaggaaagg atgctatttg gtaatgagga | 6360 |
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| gccttccttg accctggaag gtgccactcc cactgtcctt tcctaataaa atgaggaaat | 180 |

sequence listing.txt

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| ctgaggtctg | cctcgtgaag | aaggtgttgc | tgactcatac | caggcctgaa | tcgccccatc | 360 |
| atccagccag | aaagtgaggg | agccacgggt | gatgagagct | ttgttgtagg | tggaccagtt | 420 |
| ggtgattttg | aacttttgct | ttgccacgga | acggtctgcg | ttgtcgggaa | gatgcgtgat | 480 |
| ctgaccttc | aactcagcaa | aagttcgatt | tattcaacaa | agccgccgctc | ccgtcaagtc | 540 |
| agcgtaatgc | tctgccagt | ttacaaccaa | ttaaccaatt | ctgattagaa | aaactcatcg | 600 |
| agcatcaa | gaaactgcaa | tttattcata | tcaggattat | caataccata | tttttgaaaa | 660 |
| agccgtttct | gtaatgaagg | agaaaactca | ccgaggcagt | tccataggat | ggcaagatcc | 720 |
| tgggtatcgt | ctgcgattcc | gactcgtcca | acatcaatac | aacctattaa | tttcccctcg | 780 |
| tcaaaaataa | ggttatcaag | tgagaaatca | ccatgagtga | cgactgaatc | cggtgagaat | 840 |
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| tcaaaatcac | tcgcatcaac | caaaccgtta | ttcattcgtg | attgogcctg | agcgagacga | 960 |
| aatacgcgat | cgctgttaaa | aggacaatta | caaacaggaa | tcgaatgcaa | ccggcgagcag | 1020 |
| aacactgcc | gogcatcaac | aataattttca | cctgaatcag | gatattcttc | taatacctgg | 1080 |
| aatgctgttt | tcccggggat | cgcagtgggt | agtaaccatg | catcatcagg | agtaacggata | 1140 |
| aatgcttga | tggtcggaag | aggcataaat | tccgtcagcc | agtttagtct | gaccatctca | 1200 |
| tctgtaacat | cattggcaac | gctacotttg | ccatgtttca | gaaacaactc | tggcgcatcg | 1260 |
| ggcttcccat | acaatcgata | gattgtcgca | cctgattgcc | cgacattatc | gcgagcccat | 1320 |
| ttatacccat | ataaatcagc | atccatgttg | gaatttaatc | gcggcctcga | gcaagacggt | 1380 |
| tcccggtgaa | tatggctcat | aacacccctt | gtattactgt | ttatgtaagc | agacagtttt | 1440 |
| attgttcacg | atgatata | tttatcttgt | gcaatgtaac | atcagagatt | ttgagacaca | 1500 |
| acgtggcttt | cccccccccc | cctgcagcgt | ttcttccttt | tccccacccc | accccccaag | 1560 |
| ttcgggtgaa | ggcccagggc | tcgcagccaa | cgtcggggcg | gcaggccctg | ccatagcctc | 1620 |
| aggttactca | tatatacttt | agattgattt | aaaacttcat | ttttaattta | aaaggatcta | 1680 |
| ggtgaagatc | ctttttgata | atctcatgac | caaaatccct | taacgtgagt | tttcgttcca | 1740 |
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sequence listing.txt

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| tcaagagcta | ccaactcttt | ttccgaaggt | aactggcttc | agcagagcgc | agataccaaa | 1920 |
| tactgttctt | ctagtgtagc | cgtagttagg | ccaccacttc | aagaactctg | tagcaccgcc | 1980 |
| tacatacctc | gctctgctaa | tcctgttacc | agtggctgct | gccagtggcg | ataagtcgtg | 2040 |
| tcttaccggg | ttggactcaa | gacgatagtt | accggataag | gcgcagcggg | cgggctgaac | 2100 |
| gggggggttcg | tgcacacagc | ccagcttgga | gcgaacgacc | tacaccgaac | tgagatacct | 2160 |
| acagcgtgag | ctatgagaaa | gcgccacgct | tcccgaagg | agaaaggcgg | acaggtatcc | 2220 |
| ggtaagcggc | agggtcggaa | caggagagcg | cacgaggagg | cttccagggg | gaaacgcctg | 2280 |
| gtatctttat | agtccgtgctg | ggtttcgcca | cctctgactt | gagcgtcgat | ttttgtgatg | 2340 |
| ctcgtcaggg | gggcggagcc | tatggaaaaa | cgccagcaac | gcggcctttt | tacggttcct | 2400 |
| ggccttttgc | tggccttttg | ctcacatggt | ctttcctgcg | ttatcccctg | attctgtgga | 2460 |
| taaccgtatt | accgccatgc | attagttatt | aatagtaatc | aattacgggg | tcattagttc | 2520 |
| atagcccata | tatggagttc | cgcgttacat | aacttacggg | aatggcccg | cctggctgac | 2580 |
| cgcccaacga | cccccgccca | ttgacgtcaa | taatgacgag | atctgatata | ggtgacagac | 2640 |
| gatatgaggc | tatatcgccg | atagaggcga | catcaagctg | gcacatggcc | aatgcatatc | 2700 |
| gatctataca | ttgaatcaat | attggcaatt | agccatatta | gtcattgggt | atatagcata | 2760 |
| aatcaatatt | ggctattggc | cattgcatac | gttgatatcta | tatcataata | tgtacattta | 2820 |
| tattggctca | tgtccaatat | gaccgccatg | ttgacattga | ttattgacta | gttattaata | 2880 |
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| tacggtaa | ggccgcctg | gctgaccgcc | caacgacccc | cgccattga | cgtcaatgat | 3000 |
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| gttttggcag | tacaccaatg | ggcgtggata | gcggtttgac | tcacggggat | ttccaagtct | 3300 |
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sequence listing.txt

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| ctatataagc agagctcggt tagtgaaccg tcagatcgcc tggagacgcc atccacgctg | 3480 |
| ttttgacctc catagaagac accgggaccg atccagcctc cgcggccggg aacgggtgcat | 3540 |
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| cacccctttg gctcttatgc atgctatact gtttttggt tggggcctat acacccccgc | 3660 |
| tctcttatgc tatagggtgat ggtatagctt agcctatagg tgtgggttat tgaccattat | 3720 |
| tgaccactcc cctattggtg acgatacttt ccattactaa tccataacat ggctctttgc | 3780 |
| cacaactatc tctattggct atatgccaat actctgtcct tcagagactg acacggactc | 3840 |
| tgtattttta caggatgggg tcccatttat tatttacaaa ttcacatata caacaacgcc | 3900 |
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| acgtgttccg gacatgggct cttctccggt agcggcggag cttccacatc cgagccctgg | 4020 |
| tcccatgcct ccagcggctc atggtcgctc ggcagctcct tgctcctaac agtggaggcc | 4080 |
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| gaggtaactc ccgttgcggt gctgttaacg gtggagggca gtgtagtctg agcagtactc | 4320 |
| gttgctgccg cgcgcgccac cagacataat agctgacaga ctaacagact gttcctttcc | 4380 |
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| cctctgtggt ttataatagg acctgccagt gctcaggcaa cttcatgggt ttcaactgcg | 4860 |
| gaaactgtaa gtttggtatt gggggcccaa attgtacaga gaagcgagtc ttgattagaa | 4920 |
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sequence listing.txt

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| gccga | 6485 |